

The Nature of Force Notes Review

Name: _____ Date: _____

Table: _____ Section: _____

- 1) What is a force and how is it described?
- 2) In a diagram, one force arrow is longer than the other arrow. What can you tell me about the forces?
- 3) How can you find the net force if two forces act in opposite directions?
- 4) How do balanced & unbalanced forces acting on an object affect its motion?
- 5) You exert a force of 120 N on a desk. Your friend exerts a force of 150 N in the same direction. What net force do you and your friend exert on the desk?

Performance Task: Spring Scales

Procedure

Step 1: Get a Spring Scale and a washer.

Step 2: Write down the measurement from the spring scale in Newtons and in grams.

Step 3: Can you see a relationship between the two numbers? What do you think that relationship is?

Step 4: Come up with a rule to convert Grams to Newtons and Newtons to grams.